Previous references

File No 7 of
1904-5

1904

(Education)

Later references
123 — 125
Ed 350 — 28 bl
Ed 481-14 (Ccc 14 to 10) 2nd 2/05

GENERAL AND REVENUE SECRETARIAT

Serial Nos 167

PART B FOR Dec 1904

SUBJECT

Supply of Electric power and electric lights to the Central College, the Students' home and the College-house

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FILF No 7 of 1904 05

Supply of Electric Pow a d Electric l ghts to the Central College the St idents Home attacl ed to t and the Coll g Ho ise

1 From the Principal Central College Bangalore No 5 dated the 4th July 1904
Requests sanction to the supply of the elect c power required for the College and also the electric lights for the Students Hostel and the College House

2 To the Principal Central College Bangaloie No 398 dated the 18th July 1904
Calls for an estimate of the cost req ired fo the above purpose

4 From the Principal Central College Bangalore No 80 dated the 7th September 1904
Subm ts the est mate called for amounti g to Rs 4 960

5 To the Pr ncipal Central College Bangalore No 3 11 dated the 14th October 1904
Enquires whether the cost of lighting the 140 lamps stated to be requ ired for the Students Hostel may be met from the income of the Hostel

6 From the Principal Central College Bangaloie No 119 dated the 5th November 1904
States that the cost may be met from the source referred t

7 To the Principal Central College the Ch ef Engineer of Mysore the Inspector General of Education and the Comptroller to the Government of Mysore No 4914 17 dated 18th December 1904
Sanctions the init al expend ture of Rs 4 960 requ red for the supply of electric power to the Central College and of electric lights for the Students Hostel and the College House a d requests the Chief Engineer to provide for this amount by a reappropr ation of the budget grant and also directs that the cost of ma nta n ng the lamps in the Hostel be recovered from the students as suggested by Mr Cook and states that separate orders will be passed regard ing the cost of lighting the College House
N B —Ser al No 3 filed

GENERAL AND REVENUE SECRETARIAT

(Education)

NOTES

File No 7 - 1904-05

FILE HEADING

Supply of electric power and electric lights to the Central College, the Students' Home attached thereto, and the College house

From The Principal, Central College, Bangalore

No 5 Dated 4-7-04 Received 6-7-04

Diary No 103	Enclo	Spare Copies	Serial No

BRIEF ABSTRACT OF LETTER

Requests sanction to the Supply ~~of the quantity~~ of electric power required for the Central College and also the number of electric lights for the Students' Hostel and the College house

NOTES AND ORDERS

Sub 2 for orders with a draft asking the Principal to give an estimate of the cost required

12/7/04 M J

14/7/04

Draft - passed

15/7/04

NOTES—First sheet

GRS 12]

General and Revenue Secretariat

File No 7 of ~~1904-05~~ 1906

Serial No	
2	3 Draft issued (Vide No 398 & 18/7/06
×3	4 Letter No 16 & the 19th July 06 from the Principal, Central College The Principal States that he will request Major Lothouse to send the estimate of cost required for the purpose 5 May the estimate be awaited? K.M. 27/7/06 Rec'd 28/7 — Please 28/7/06 Sen'd 29/7/06 29/7/06
4	7 Letter No 60 & the 27th Sept 06 from the Principal, Submitting the estimate called for- 6 The estimated cost for the quantity of electric power and number of electric lights is given to be Rs 4960. Subd for orders as to information is furnished K.M. as to what portion of the charge is on 30/9/06 account of the Students Home and ( ) to be the

NOTE—Contn sheet

MGCI B—10 000—19 4-04

GBS 12]

ɔral and Revenue Secretariat

File No 7 of 190 4

Serial No

4 whether the Hostel funds can bear the cost of lighting per annum which may amount to Rs ~~1550~~ 1260 for 140 Lamps at the lowest rate of 12 As Draft calling for any 30/9 two informations is submitted

J Dennany
30/9/04

Draft submd

Read 9 Passed
4/10/1904

5 6 To the Principal, Central College 3211 Dy 14 10 04 - Enquiries whether the lighting charge for the 140 lamps viz Rs 1260 per annum at Rs 11-12-11 a month for each lamp can be met from the income of the Hostel &c

6 11 From the same Officer No 114 of the 3rd November 1904 - Reports that the collections from students for lighting charge during the last two

NOTE—Contn sheet

8S 12j
General and Revenu
Secretariat

File No 7 of 1904

Serial No

years have been Rs 486 14 n and 483-1-n respectively and proposes, under the advice of the Electrical Engr to work on the flat rate basis at as 8 per month per lamp or Rs 70 for the 140 lamps per month or Rs 700/- for 10 months in the year, excluding the Midsummer and Xmas vacations the balance to be made up is about Rs 200/ which has to be ~~made up~~ met from the general Savings of the Hostel during the the year But Considering the immense advantage which Electric light has over ordinary lights, he Govt considers that it would be a mistake not to supply Electric lights to the Hostel even if a small extra charge has to be made from each of the students

12

A Spark

~~Submitted for orders as to whether the Principal may be asked to furnish information~~

M C I B—10 000—31 5 04

General and Revenue Secretariat

File No 7 of 1904

Serial No

6 Apart from the question of maintenance charges, the initial outlay amounting to Rs 4,960/ has to be sanctioned by Govt from the same source from which the cost of the building was met 13 May then be transferred accordingly to the D P W Submitted for orders

14/11/04

14 Submitted to the Diwan Saheb thro' the 1st Councillor for orders

18/11/1904

1016/19-11-04

15 The initial cost may be met by Govt and the maintenance charges in the manner proposed. C.

21.11.1904 / 20/11/04

16 Yes

2913/22.11.04 26 11 04

Draft acct

22/11/1904 Passed 6/12/1904

Draft Subd

MC C1 B—10 000—19 8-04

GRS 12]

General and Revenue Secretariat

File No 7 of 1904

Serial No 7

M G O No 4914-17 D the 8th December 1904
To the Principal, C College
" Chief Engr
" Inspr Genl of Edn
& " Comptroller

Sanctions the initial cost required Rs 4980 for the Supply of electric power required for the C College and of electric lights for the Students' Hostel and the College house & requests the Chief Engineer to provide for the amount by a Reappropriation of the Budget grant -

No 5

Central College, Bangalore

4th July 1901

5 - JUL 1914

From

J Cook Esquire, M A , F R S E, F [illegible]

Principal, Central College, B[illegible]

To

B K Venkatavarada Iyengar, Esquire,

Offg Secretary to the Govt of H H the Maharaja

of Mysore, General & Revenue Departments

Sir,

I have the honor to request that Government may be pleased to sanction the following requisitions for Electrical power and for lighting for (1) the Central College (2) the Central College Hostel and (3) the Central College House

I The Central College

As the current to be supplied from the main will be an alternating current and the great majority of the experiments &c for which we require Electricity in the college must have a direct current, I propose that the main current be utilised to drive a 5 H P. Motor to replace the Otto Gas Engine, supplied with the College Dynamo in 1898 for the Electrolysis of salt water in connection with the experiments for Plague disinfection

This Dynamo is a 3-unit Dynamo (65 volts and 45 amperes) and I am informed by Mr Gibbs, Chief Electrical Engineer, that a 5 H P Motor will suffice, though the Gas Engine supplied by Messrs P Orr & Sons at the time (as the only suitable one they had in stock and the matter was very urgent) was a 6 H P engine I shall have to draw up, after consulting Mr Gibbs, and submit a separate requisition for the wiring &c from the Dynamo to the different Laboratory rooms where Electricit is required and most probably for a Storage Battery of 30 cells

II The Central College Hostel

There are at present 48 Residence rooms, each for two students and I am informed by Mr Gibbs that each room would need to be fitted with 2 of the 15 c p lamps This makes 96 About 16 will be required

For the Verandahs of both the blocks and about 16 more for the necessary lights in the compound For the Superintendent's Quarters 12 may be allowed This will make 140 lights in all I presume that when the additional block for a Library and Reading Room - which it is intended to put up between the main blocks and the Superintendent's Quarters - comes to be built we shall be able to get sufficient Electric power to light up the Reading Room for a couple of hours at at night either from the main or by a wire across from the College Installation

III Central College House

I estimate that for the Central College House 30 of the 15 c p lamps will be required to light it upstairs and downstairs

(For the Observatory kerosine oil will have to continue to be used as at present, as I have three lamps there which require to burn night and day and neither gas nor electricity is sufficiently reliable for such work In the Alipore Observatory, Calcutta, they tried gas but had to give it up)

Trusting that the Government may have the goodness to sanction these requisitions,

I have the honor to be,

Sir,

Your most obedient servant,

Heeroh

Principal

D N M

Ed F 7-1904-05 Sl
190

From 3

Secy to the Govt of His Highness
the Maharaja of Mysore,
Genl and Rev Depts.

To The Principal, Central
College, Bangalore

Dated
Despatched 18/7/04
Received
General No 398-7-2
No L B
Enclosure No

His letter No 5 of the 4th July 1904 regarding the supply ~~of the quantity~~ of electric power required for the college and also the number of electric lights for the Students' Hostel and the College house

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With reference to the above has the honor to request that the Principal would be so good as to Submit an estimate of the cost

4

involved in the proposals
made by him

By order
15/7/1904

Offg Secretary

14/7/04

13/7/04

Typed 16/7 AG
Compd 16/7
Sent C
Mr A Ramsay.

Ex. F 7-1903, 05 . Sl 4

80 Rs one D2095 Bingalore 27 SEP 1904 190

From J Cook Esqre MA FRSE
~~The~~ Principal,
Central College
Bangalore

To
BK Venkatavarada Iyengar Esqr
Secretary to the Govt of
HH The Maharaja of Mys
General + Revenue D

Sir,

With reference to your no 2451-7 Ed dated 24th inst I have the honor to forward copy of letter no 478 dated 20th July 1904 from the Chief Electrical Engineer to the Superintending Engineer, Western Circle, which gives an estimate of the cost for the supply of Electric Power and Electric light required for the Central College

I have the honor to be
Sir
Your most obedient Servant

J Cook
Principal
Central College Bangalore

Ems 6 No 80 of 27-9-04
Ed 7 7 of 04-05

Copy of Letter No 478 A dated 20th July 1904 from the Chief Engineer to the addr of the Suply Engineer Western Circle Bangalore

Bangalore Power and lighting

With reference to your No 17 of July 19th requesting an estimate for Installation of Central College I beg to submit the following details

5 Horse Power Motor	Rs 700/-
Transformers	Rs 750/-
Switch board with Instruments	Rs 550/-
Watt Meter	Rs 120/-
Freight Installation &c	Rs 800/-
170 lights in Hostel at Rs 12 each	Rs 2040/-
Total	Rs 4960

No 927
C P S

Copy of above forwarded to T Cook Esqr M a Principal Central College Bangalore for information with reference to his No 17 of 19th instant

(Sd) A T de Hotblumere
Suply Engineer Western C. ol.

Copy 27 SEP 1904

Principal
Central Co[illegible] [illegible]lore

Ed F 7 1904/1905

E

From

Secy to the Govt of His Highness
the Maharaja of Mysore
Genl and Rev Depts

To The Principal, Central College

Dated
Despatched 4th Oct-1904
Received
General No (3211)-7-5
No Edu

Enclosure No

—

Correspondence ending with his Letter No 80 of the 27th Sept 1904 furnishing an estimate of the cost for the supply of electric fans and electric lights for the Central College, the Students' Hostel attached thereto and the College Principal's House

Has the honor to o/-

Issued 14/10/04
Sd by Mr. A. Ramaiya

Serve that the lighting
charge for the 140 lamps
Required for the Students'
Hostel ~~would~~ amounts
to Rs 1,260 per ~~ann~~ annum
at the lowest rate of
12 annas a month for each
lamps and to enquire-
whether this cost ~~could~~ can
be met from the
income of the Hostel &
if so, to send up an estimate of Receipts &
of Disbursements for the 2 years ending 1903-04

By order

4/10/1904

Secretary

4/10/04

3/10/04

3/10/04

By perday
13/10/04
Compd 14/10

IV Draw 7111 Pkt 2221

119

D 3022

ED F 7-1904

Central College, Bangalore

5th November 1904

From

J Cook Fsquire, M A , F R S F , F M U ,

Principal, Central College, Bangalore

To

B.K Verkatavarada Iyengar Fsquire,

Secretary to the Govt of H H the Maharaja

of Mysore, Genl & Rev Departments

Sir,

With reference to your No 3211-7-5/Fd enquiring whether the cost of Electric light for the Students' Hostel as originally indented for by me, namely, 140 lamps (16 c p) at 12 annas each per month (meter rate) amounting to Rs1260/- could be met from the income of the Hostel, I have the honor to state that this charge could not be met from the annual income

The total collections from the students for lighting charge during the last two Official years, 1902-3 and 1903-4, have been Rs486/14 and Rs485/1 respectively I have written on this subject to Mr H P Gibbs, Chief Flectrical Fngineer and he advises that each student's room be provided with two 8 c,p lamps instead of 16 c p and says that we would be well advised to work on the flat rate basis at 8 annas per lamp per month which would amount to Rs70/- per month or Rs700/- per annum, if, as is most probable, no charge is made for one month at midsummer and one month at Christmas

This would leave about Rs200/- to be made up from the general savings of the Hostel during the ear But considering the immense advantages in ever way both as to cleanliness and healthiness of the Flectric light it would be a great mistake not to supply it to the Hostel even if a small extra charge has to be made from each of the students I have the honor to request therefore that Covernment sanction ma be given to the provision

of the Hostel with 140 (8 c p) Flectric lights on the
Flat-rate basis @ 8as Each per month

I have the honor to be ,

Sir,

Your most obedient servant,

Principal

D N M

Mis & S/12 Ed F 7-1904 - JE 7/11

Read -

Correspondence ending with letter No 119 dated the 5th Nov 1904

Order thereon No (4914-17)-7-Ed
Dated Bangalore 8/12/4

The correspondence read above relates to the suggestion made by Mr Cook, Principal of the Central College at Bangalore to the supply of electric power to the Central College and to the lighting of the Students' Hostel attached thereto and the Central College House with electric lights The Hostel is proposed to be lighted with 140 lamps of 8 candle power each (flat rate basis) and it is estimated that for the Central College House 70 of the 16 C P lamps will be required to light the upstairs and down stairs

2 The initial cost of the installation as estimated by the Superintending Engineer, Western Circle, is Rs 4,960, which ~~4. It is further estimated that~~ the cost of lighting the Hostel with 140 lamps at 8 annas lamp per

1 P Motor----------700
Transformers---------- 750
Switch board with instruments----------550
Wall meter----------120
Freight, installation c-800
140 lights at 12 as each-2040
Total Rs 4960

per month will amount to Rs 70 a month or Rs 700 per annum, if as ~~thought~~ observed by Mr Cook, no charge is made for one month at midsummer and one month at Xmas The average annual amount collected from the students on account of lighting is stated to be about Rs 500 and Mr Coo proposes to make up the balance viz Rs 200/ by the levy of a small extra charge from each of the students

4 These proposals ~~to which sanction is now sought, commits himself to Government and the accounting~~ are sanctioned ~~pleasure to sanction them~~. The initial cost of the installation viz Rs 4,960 will be borne by Government and the ~~maintenance in the Hostel~~ cost should be met in the manner pro- ~~posed by Mr Cook~~ Chief Engineer is requested to provide for the amount by a reappropriation of the Budget grant ~~accordingly~~.

The cost of maintaining the lamps in the Hostel will be recovered from the students in the manner proposed by Mr Cook. Separate orders will be passed regarding the adjustment of the cost of lighting the house attached to the Central College

To

The Principal, Central College
" Chief Engineer
" Inspector Genl of Education in Mysore
" Comptroller in Mysore

6/12/1904
Secretary

Vide 2/12/04

6/12/04

Where the question of supplying the cost of lighting the fore quarters attached to the Hostel, the Contractor's Contract should be modified.

Comptr. 6/12